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REPORT Statistical

national machine tool builders association

REPORT NO. 156-86
October 31, 1986

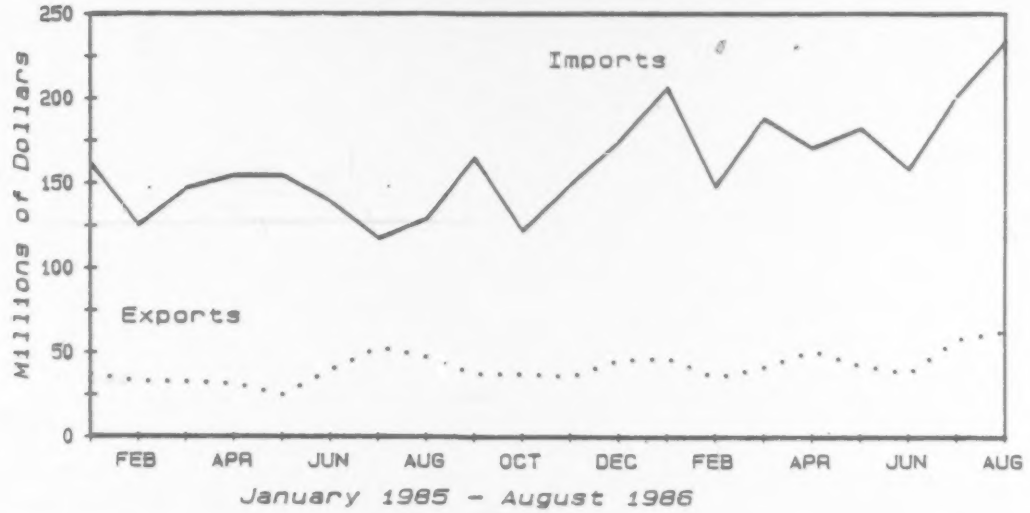
U.S. FOREIGN TRADE IN MACHINE TOOLS
August 1986

U.S. foreign trade in machine tools during August 1986 produced a trade deficit of $171.2 million, bringing the total deficit for the first eight months of the year to $1,114.6 million. Compared to July 1986, U.S. exports have risen 8% while imports increased 16%. Year-to-date machine tool exports of $374.5 million were up 26% from the same period last year. Imports, at $1,489.1 million, have risen 32% above the total for the first eight months of 1985.

U.S. Machine Tool Trade
($Millions)

	August 1986			Eight Month Total		
	Exports	Imports	Surplus (Deficit)	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 40.7	$142.7	($102.0)	$231.9	$1,113.4	($ 881.5)
Metal Forming	$ 21.6	$ 90.8	($ 69.2)	$142.6	$ 375.7	($ 233.1)
Total	$ 62.3	$233.5	($171.2)	$374.5	$1,489.1	($1,114.6)

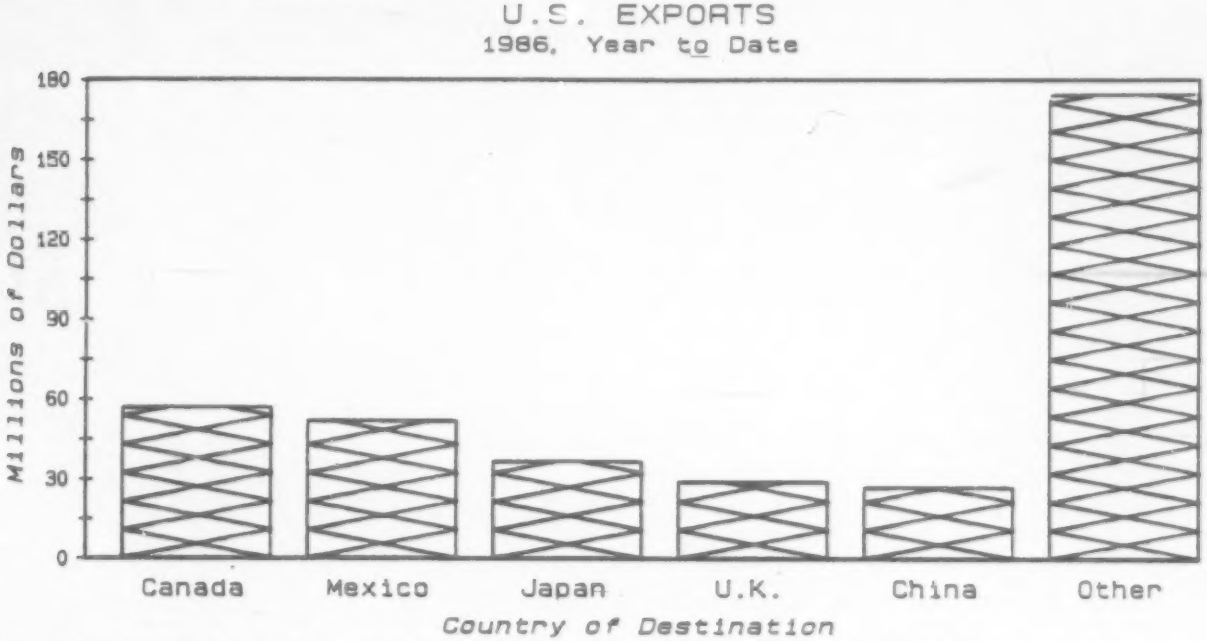
U.S. FOREIGN TRADE -- TOTAL MACHINE TOOLS
Monthly Totals



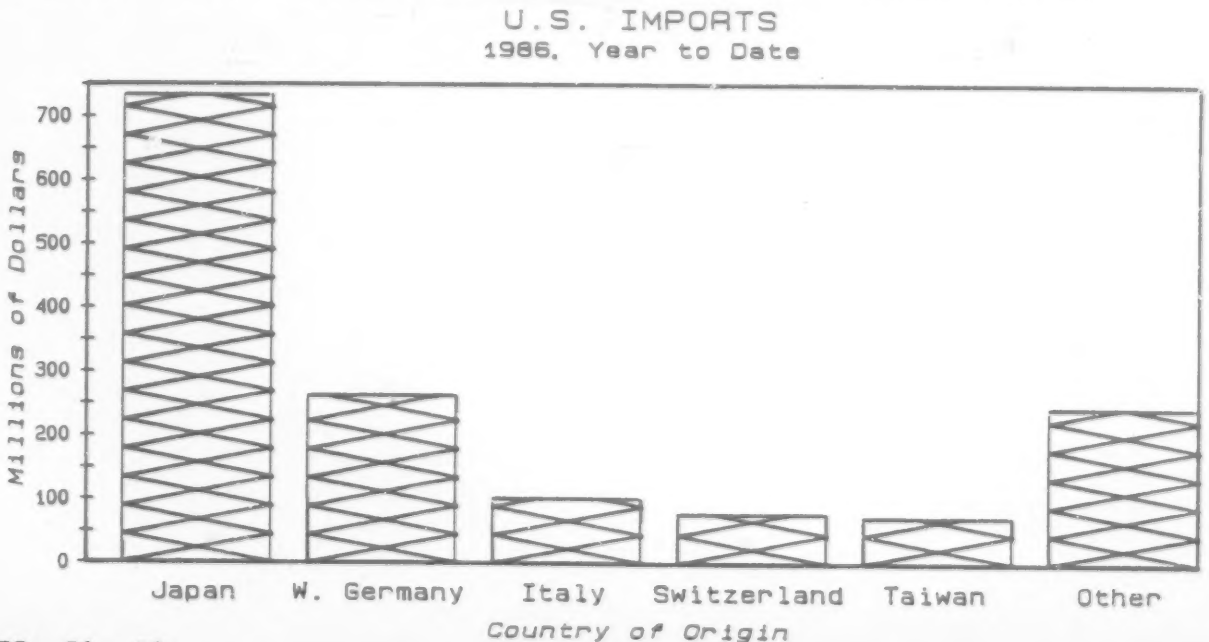
January 1985 - August 1986

NMTBA presents the INTERNATIONAL MACHINE TOOL SHOW IMTS The world of manufacturing technology

Compared to July, U.S. Exports of metal cutting machine tools have risen 33% while metal forming exports have dropped 20%. The year-to-date total for metal cutting equipment has risen 22% above last year's level. Exports of metal forming machines increased 33% from the total for the first eight months of 1985. For January through August 1986 the leading export markets were (in millions): Canada ($56.6), Mexico ($51.6), Japan ($36.4), the United Kingdom ($28.8) and China ($26.7).



U.S. Imports of metal cutting machine tools dropped 9% from July's level as metal forming imports jumped 105%. Compared to the first eight months of 1985, imports of metal cutting machinery increased 22% and imports of metal forming machine tools rose 73%. The leading sources of machine tool imports to the U.S. during the first eight months of 1986 were (in millions): Japan ($732.4), West Germany ($261.7), Italy ($101.4), Switzerland ($77.5) and Taiwan ($72.5).



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U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
AUGUST 1986

RELEASED: OCTOBER 31, 1986

		TOTAL YTD		TOTAL MO.	
674:	METAL CUTTING	UNITS	$000	UNITS	$000
3025	Gear Hobbers	66	8194	10	1020
3035	Gear Shapers	4	668	1	71
3045	Gear Cutting Machines, N.E.C.	18	2838	0	0
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	1600	122756	169	14090
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	250	23680	29	2677
3409	Horizontal Machining Centers, ATC, NC	437	56805	63	7177
3411	Machining Centers, NC, N.E.C.	548	46373	73	4599
3412	Single Station and Multi-Station Transfer Machines	69	27602	21	8371
3413	Way Type Machines, (Unit Heads)	0	0	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	5	972	3	663
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	35	6576	4	1244
3419	Vertical Boring-Drilling-Milling Machines, NC	160	12966	11	3583
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	21	1656	4	64
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	46	2052	16	191
3328	Drilling Machines, NC	104	8372	9	1049
3329	Drilling Machines, Multi-Spindle, Non-NC	32	2304	4	27
3334	Drilling Machines, Radial, Non-NC	199	1638	8	107
3336	Drilling Machines, Upright, Single Spindle, Non-NC	67	467	16	139
3342	Drilling Machines, Non-NC, N.E.C.	478	14786	37	1776
3464	Milling Machines, NC	502	40582	126	7193
3466	Milling Machines, Profilling, Dupl. & Die Sinking, Non-NC	18	944	1	11
3467	Milling Machines, Knee Type, Non-NC	2493	14106	292	1538
3468	Milling Machines, Bed Type, Non-NC	215	3928	32	315
3469	Milling Machines, Non-NC, N.E.C.	1165	17126	115	2177
3476	Vertical Boring Machines, Incl. VTL's, NC	56	8791	8	923
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	94	3239	14	906
3481	Boring Machines, NC, N.E.C.	17	9769	6	643
3483	Boring Machines, Non-NC N.E.C.	429	53164	47	1854
3504	Horizontal Lathes, Multi-Spindle, NC	34	3597	6	383
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	2513	100035	389	16425
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	678	46244	101	5260
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	207	12681	32	1048
3512	Horizontal Engine & Toolroom Lathes, Non-NC	2796	22629	281	2957
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	84	2760	12	173
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	110	10021	6	734
3515	Automatic Bar Machines, Single Spindle, Non-NC	39	846	2	15
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	16	2515	1	190
3518	Horizontal Lathes, Non-NC, N.E.C.	156	7811	15	652
3505	Vertical Lathes, Multi-Spindle, NC	88	8276	14	1150
3519	Vertical Lathes, NSPF, NC	340	22882	38	2420
3522	Vertical Lathes, Excl. VTL's, Non-NC	1185	25095	117	2367
3527	Gear Tooth Grinding & Finishing Machines	384	11819	98	1335
3528	Tool & Cutter Grinding Machines, NC	66	3198	5	615
3529	Tool & Cutter Grinding Machines, Non-NC	948	14810	134	3392
3533	Honing & Lapping Machines	161	10026	14	348
3539	Grinding Machines, Flat Surface, NC	37	5813	6	1929
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	341	5191	31	598
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	984	20364	140	3077
3546	Grinding & Polishing Machines, NC, N.E.C.	90	9418	14	903
3554	External Grinding Machines, Non-NC	734	13455	28	1512
3556	Internal Grinding Machines, Non-NC	70	3936	5	534
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	155	7239	11	1734
3559	Grinding Machines, Non-NC, N.E.C.	1306	44121	145	5328
3562	Traveling Wire Electrical Discharge Machines	547	41596	79	6820
3564	All Other Electrical Discharge Machines	402	17933	71	3443
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	53	3918	25	778
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	175	3099	5	51
3576	Metal Cutting Machines Tools, NC, N.E.C.	82	17769	5	118
3577	Sawing & Cut-Off Machines, Non-NC	1352	18730	185	2406
3578	Broaching Machines, Non-NC	17	1439	0	0
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	691	17494	115	1628
4000	Metal Cutting Machine Tools, Used or Rebuilt*	3810	18200	454	1992
5000	Metal Cutting Machine Tools, Less Than $2500**	423732	66016	67089	8004
	TOTAL CUTTING			70772	142744
	TOTAL CUTTING YTD	453511	1113418		
674:	METAL FORMING				
1010	Die Casting Machines	595	25808	328	668
3582	Metal Forming Machine Tools, Used or Rebuilt	279	4290	26	787
3583	Metal Forming Machine Tools, Less Than $2500	17258	6986	2531	711
3584	Punching and Shearing Machines, Incl. Combination, NC	322	37012	33	3448
3586	Shearing Machines, Non-NC	833	16340	63	2164
3587	Punching & Combination Punching & Shearing Machines, Non-NC	563	10188	59	1206
3588	Bending, Folding, Straightening & Flattening Machines, NC	276	26960	25	14736
3589	Press Brakes, Non-NC	812	22566	116	3612
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	149	2125	3	100
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	909	22357	114	2243
3593	Metal Forming Machine Tools, NC, N.E.C.	35	2162	0	0
3594	Mechanical Presses, Non-NC	230	20507	19	2095
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	72	7212	2	49
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	794	94407	105	43150
3597	Headers & Upsetters, Non-NC	94	7044	7	263
3598	Forging Machines, Non-NC, N.E.C.	110	4834	8	892
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	1571	64834	132	14675
	TOTAL FORMING			3571	90804
	TOTAL FORMING YTD	24902	375662		
	TOTAL ALL TYPES			74343	233548
	TOTAL ALL TYPES YTD	478413	1489080		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 3326, 3461,3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
AUGUST 1986

674:	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	10	1225	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	2	558
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	2	11
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	2	29
3342	0	0	0	0	0	0	0	0	8	93
3464	0	0	0	0	0	0	1	35	1	28
3466	0	0	0	0	0	0	1	782	43	1492
3467	0	0	0	0	0	0	0	0	0	0
3468	1	68	0	0	0	0	0	0	0	0
3469	8	42	0	0	0	0	0	0	0	0
3476	0	0	0	0	0	0	0	0	2	12
3477	0	0	0	0	0	0	5	603	1	190
3481	0	0	0	0	0	0	0	0	7	285
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	0	0	0	0	3	32
3506	0	0	0	0	0	0	2	182	1	10
3508	0	0	0	0	0	0	1	9	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	9	47	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	1	21
3514	0	0	0	0	0	0	1	9	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	1	3	0	0	0	0
3505	0	0	0	0	0	0	0	0	2	34
3519	5	47	0	0	0	0	0	0	0	0
3522	0	0	0	0	0	0	0	0	0	0
3527	0	0	0	0	0	0	2	9	4	187
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	1	261	2	126
3533	0	0	0	0	0	0	1	4	10	55
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	0	0	0	0	21	226
3546	0	0	0	0	2	52	0	0	3	377
3554	0	0	0	0	0	0	0	0	0	0
3556	0	0	0	0	0	0	1	25	1	226
3558	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3562	0	0	0	0	3	33	0	0	58	447
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	10	349	0	0	18	366	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	2	8
3577	0	0	1	115	0	0	18	216	1	5
3578	0	0	0	0	0	0	0	0	0	0
3579	1	10	0	0	0	0	17	96	2	117
4000	8	33	0	0	0	0	6	25	29	279
5000	256	156	0	0	15	2	44	23	996	150
CUT MO.	288	403	11	464	22	90	129	3872	1204	4999
CUT YTD	2825	4792	546	2176	485	1017	3990	16778	6195	77698
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	1	52	4	398
3583	106	22	50	9	11	23	80	66	246	56
3584	0	0	0	0	0	0	0	0	0	0
3586	0	0	7	578	0	0	13	180	6	84
3587	0	0	0	0	0	0	0	0	10	89
3588	1	97	1	60	0	0	0	0	11	324
3589	0	0	15	799	3	134	3	97	2	20
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	10	128	0	0	1	11	18	424
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	1	44	0	0
3596	0	0	2	8	4	12	0	0	4	3623
3597	0	0	0	0	0	0	0	0	1	129
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	2	12	1	6	1	4	26	894
FRM MO.	107	118	87	1593	19	175	100	454	328	6041
FRM YTD	310	874	472	7278	100	1356	723	5806	2745	23679
TOT MO.	395	521	98	2057	41	265	229	4326	1532	11040
TOT YTD	3135	5665	1018	9454	585	2373	4713	22584	8940	101377

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
AUGUST 1986

	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLANI	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$00(
3025	0	0	0	0	0	0	0	0	1	186
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	1	125	2	237	0	0
3412	0	0	0	0	0	0	0	0	8	1128
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	1	503
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	1	143	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	2	42	0	0	0	0
3336	0	0	0	0	0	0	2	8	0	0
3342	0	0	0	0	9	23	0	0	7	521
3464	0	0	0	0	10	133	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	51	381	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	10	242	0	0	5	176
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	1	132	0	0	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	1	247
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	3	201	0	0	1	112
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	1	3	0	0
3515	0	0	0	0	2	15	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	2	503
3519	0	0	0	0	0	0	0	0	0	0
3522	0	0	0	0	0	0	0	0	0	0
3527	69	457	0	0	0	0	0	0	2	53
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	1	16	0	0	11	141
3533	0	0	0	0	0	0	0	0	0	0
3539	1	271	0	0	0	0	0	0	1	24
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	2	101	0	0	2	450
3546	0	0	0	0	0	0	0	0	2	266
3554	0	0	0	0	0	0	4	205	9	376
3556	0	0	0	0	0	0	0	0	0	0
3558	5	77	0	0	0	0	0	0	5	1555
3559	5	943	0	0	0	0	0	0	3	195
3562	0	0	0	0	0	0	0	0	17	1495
3564	0	0	0	0	0	0	0	0	11	403
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	1	40	0	0	3	49
3577	5	17	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	8	155	1	6	1	10	1	5	1	7
4000	0	0	0	0	0	0	12	71	5	117
5000	72	155	120	39	69	91	46	60	78	50
CUT MO.	213	2218	121	45	163	1551	68	588	176	8555
CUT YTD	1196	14558	281	551	1876	13806	2117	7017	2249	64705
1010	0	0	0	0	0	0	0	0	0	0
3582	2	11	0	0	0	0	0	0	3	97
3583	10	2	0	0	21	3	0	0	176	30
3584	0	0	0	0	0	0	0	0	0	0
3586	2	42	1	14	3	21	0	0	0	0
3587	0	0	2	39	14	138	8	101	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	1	28	3	101	1	13	1	74	1	35
3591	0	0	0	0	0	0	0	0	0	0
3592	5	166	0	0	12	87	8	123	2	69
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	1	658
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	17	616	6	312	0	0
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	14	344	0	0	0	0	5	485	7	200
FRM MO.	34	593	6	154	68	878	28	1096	190	1089
FRM YTD	489	1973	78	1465	347	2970	473	7135	795	12785
TOT MO.	247	2810	127	199	231	2429	96	1684	366	9644
TOT YTD	1685	16531	359	2016	2223	16777	2590	14152	3044	77491

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
AUGUST 1986

	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	4	703	0	0	0	0	0	0
3035	1	71	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	1	23	0	0	0	0	0	0
3406	0	0	3	264	0	0	0	0	0	0
3409	4	198	1	517	0	0	0	0	0	0
3411	0	0	4	398	0	0	0	0	1	120
3412	0	0	3	6019	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	1	574	0	0	0	0	0	0
3419	0	0	8	2522	0	0	0	0	0	0
3422	0	0	3	51	1	13	0	0	0	0
3423	0	0	0	0	0	0	1	3	0	0
3328	0	0	1	43	0	0	0	0	0	0
3329	0	0	4	27	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	6	38	0	0	0	0	0	0
3342	2	78	6	604	0	0	0	0	0	0
3464	33	827	13	3188	0	0	0	0	0	0
3466	1	11	0	0	0	0	0	0	0	0
3467	33	279	1	46	0	0	0	0	0	0
3468	25	196	0	0	0	0	0	0	0	0
3469	1	7	6	410	0	0	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	36	980	0	0	7	711	0	0
3504	0	0	1	183	0	0	0	0	0	0
3506	38	551	6	1000	0	0	0	0	5	27
3508	0	0	2	253	0	0	0	0	2	23
3510	0	0	2	31	0	0	0	0	0	0
3512	63	592	0	0	1	6	0	0	4	46
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	1	436	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	1	190	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	1	192	0	0	0	0	0	0
3519	0	0	7	398	0	0	0	0	0	0
3522	2	19	3	79	0	0	3	57	5	29
3527	0	0	1	432	0	0	0	0	0	0
3528	0	0	2	228	0	0	0	0	0	0
3529	7	55	76	2368	0	0	3	64	0	0
3533	6	52	4	62	0	0	0	0	0	0
3539	2	618	1	897	0	0	0	0	0	0
3541	2	12	0	0	0	0	0	0	0	0
3543	0	0	38	997	5	16	4	15	0	0
3546	1	71	8	251	0	0	0	0	0	0
3554	1	22	2	83	0	0	0	0	0	0
3556	0	0	1	29	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	17	742	45	2643	0	0	1	14	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	3	98	6	347	0	0	0	0	0	0
3567	1	192	0	0	0	0	0	0	0	0
3571	1	22	2	21	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	20	118	47	659	2	20	11	116	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	7	612	5	133	0	0	24	426	0	0
4000	189	323	15	242	1	7	4	7	0	0
5000	441	177	9756	1101	0	0	262	116	68	10
CUT MO.	902	6131	10133	29469	10	63	320	1537	85	254
CUT YTD	7722	53557	95498	198637	512	3685	5091	15901	752	3237
1010	0	0	3	345	0	0	321	163	0	0
3582	8	129	0	0	0	0	4	9	0	0
3583	35	65	543	40	0	0	24	9	0	0
3584	0	0	6	1069	0	0	0	0	0	0
3586	3	30	1	9	0	0	6	238	0	0
3587	0	0	21	479	0	0	0	0	0	0
3588	0	0	5	392	0	0	0	0	0	0
3589	2	41	0	0	0	0	10	190	0	0
3591	0	0	0	0	0	0	1	42	0	0
3592	8	67	9	265	0	0	17	170	0	0
3593	0	0	0	0	0	0	0	0	0	0
3594	1	65	1	842	0	0	0	0	0	0
3595	1	5	0	0	0	0	0	0	0	0
3596	12	956	18	2872	0	0	6	120	0	0
3597	2	10	0	0	0	0	0	0	0	0
3598	2	242	6	650	0	0	0	0	0	0
3599	3	108	44	10813	0	0	18	1100	0	0
FRM MO.	77	1719	657	17775	0	0	407	2041	0	0
FRM YTD	797	16831	4347	63099	3	299	1393	20486	32	12325
TOT MO.	979	7850	10790	47244	10	63	727	3578	85	254
TOT YTD	8519	70389	99845	261737	515	3984	6484	36387	784	15562

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
AUGUST 1986

	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	5	131	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	158	13634	1	46	0	0
3406	0	0	0	0	25	2301	0	0	0	0
3409	0	0	0	0	54	6300	0	0	0	0
3411	0	0	0	0	43	3208	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	3	663	0	0	0	0
3418	0	0	0	0	3	671	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	1	170	0	0	0	0
3328	0	0	0	0	7	864	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	1	18	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	8	385	0	0	0	0
3464	0	0	0	0	14	569	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	2	799	0	0	0	0
3476	0	0	0	0	2	130	0	0	0	0
3477	0	0	0	0	7	620	0	0	0	0
3481	0	0	0	0	6	643	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	10	66	0	0	231	13793	24	438	21	215
3508	0	0	0	0	95	4700	1	38	0	0
3510	3	9	0	0	27	1008	0	0	0	0
3512	0	0	0	0	7	580	28	246	37	399
3513	0	0	0	0	1	32	0	0	0	0
3514	2	90	0	0	2	205	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	11	609	0	0	0	0
3505	0	0	0	0	9	358	2	98	0	0
3519	0	0	0	0	17	1538	6	368	0	0
3522	1	18	0	0	21	1125	10	384	0	0
3527	0	0	0	0	22	265	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	13	511	0	0	2	134
3533	0	0	0	0	4	233	0	0	0	0
3539	0	0	0	0	1	119	0	0	0	0
3541	0	0	0	0	8	360	0	0	0	0
3543	1	7	0	0	35	663	0	0	9	123
3546	0	0	0	0	3	315	0	0	0	0
3554	0	0	0	0	6	563	0	0	0	0
3556	1	45	0	0	3	460	0	0	0	0
3558	0	0	0	0	1	102	0	0	0	0
3559	5	29	1	18	2	231	0	0	0	0
3562	0	0	0	0	62	5325	0	0	0	0
3564	0	0	0	0	30	2200	0	0	0	0
3567	0	0	0	0	4	101	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	1	29	0	0	0	0
3577	0	0	2	88	14	971	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	2	18	0	0	0	0
4000	0	0	2	8	6	49	0	0	0	0
5000	47	52	0	0	12330	2066	20	25	23	7
CUT MO.	70	316	5	114	13322	69505	97	1773	92	878
CUT YTD	400	2293	174	1186	105701	543763	665	7211	495	4614
1010	0	0	0	0	3	113	0	0	0	0
3582	0	0	0	0	4	91	0	0	0	0
3583	0	0	0	0	252	73	0	0	0	0
3584	0	0	0	0	27	2379	0	0	0	0
3586	0	0	6	105	15	863	0	0	0	0
3587	0	0	0	0	4	360	0	0	0	0
3588	0	0	0	0	7	13863	0	0	0	0
3589	0	0	3	58	71	2022	0	0	0	0
3591	0	0	0	0	2	58	0	0	0	0
3592	0	0	0	0	14	597	0	0	0	0
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	12	487	0	0	4	83
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	34	34611	0	0	0	0
3597	0	0	0	0	4	125	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	9	676	0	0	0	0
FRM MO.	0	0	9	163	458	56317	0	0	4	43
FRM YTD	11	2	37	775	5449	188600	2	46	45	434
TOT MO.	70	316	14	277	13780	125822	97	1773	96	921
TOT YTD	411	2295	211	1961	111150	732363	667	7257	540	5048

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
AUGUST 1986

	TAIWAN		AUSTRALIA		ALL OTHERS	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0
3035	0	0	0	0	0	0
3045	0	0	0	0	0	0
3404	9	388	0	0	0	0
3406	1	113	0	0	0	0
3409	4	162	0	0	0	0
3411	22	511	0	0	0	0
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	0	0	0	0	0	0
3422	0	0	0	0	0	0
3423	12	7	0	0	0	0
3328	0	0	0	0	0	0
3329	0	0	0	0	0	0
3334	2	11	0	0	1	7
3336	0	0	0	0	0	0
3342	3	102	0	0	0	0
3464	12	201	0	0	0	0
3466	0	0	0	0	0	0
3467	207	833	0	0	0	0
3468	6	50	0	0	0	0
3469	69	443	0	0	12	47
3476	0	0	0	0	0	0
3477	0	0	0	0	0	0
3481	0	0	0	0	0	0
3483	0	0	0	0	0	0
3504	2	7	0	0	0	0
3506	46	282	7	45	0	0
3508	0	0	0	0	0	0
3510	0	0	0	0	0	0
3512	123	607	0	0	4	101
3513	10	132	0	0	0	0
3514	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	1	6	0	0	0	0
3505	0	0	0	0	0	0
3519	3	69	0	0	0	0
3522	38	256	0	0	28	194
3527	2	8	0	0	2	119
3528	0	0	0	0	0	0
3529	10	44	0	0	0	0
3533	0	0	0	0	0	0
3539	0	0	0	0	0	0
3541	0	0	0	0	0	0
3543	39	276	0	0	0	0
3546	0	0	0	0	0	0
3554	4	12	0	0	0	0
3556	0	0	0	0	0	0
3558	0	0	0	0	0	0
3559	5	34	0	0	0	0
3562	0	0	0	0	0	0
3564	3	29	0	0	0	0
3567	10	136	0	0	0	0
3571	0	0	0	0	0	0
3576	0	0	0	0	0	0
3577	22	73	0	0	2	9
3578	0	0	0	0	0	0
3579	3	17	0	0	2	17
4000	149	546	0	0	28	286
5000	42361	3717	0	0	77	7
CUT MO.	43178	9071	7	45	156	786
CUT YTD	212431	70371	505	608	1805	5167
1010	1	46	0	0	0	0
3582	0	0	0	0	0	0
3583	792	176	0	0	185	138
3584	0	0	0	0	0	0
3586	0	0	0	0	0	0
3587	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3591	0	0	0	0	0	0
3592	0	0	0	0	10	137
3593	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3596	1	9	0	0	1	12
3597	0	0	0	0	0	0
3598	0	0	0	0	0	0
3599	2	35	0	0	0	0
FRM MO.	796	266	0	0	196	287
FRM YTD	5528	2128	16	266	710	5019
TOT MO.	43974	9337	7	45	352	1073
TOT YTD	217959	72499	521	873	2515	10186

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
AUGUST 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	7	74	0	0	7	74
EAST GERMANY	28	121	11	16	39	137
FINLAND	5	166	155	103	160	270
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	2	9	0	0	2	9
ICELAND	0	0	0	0	0	0
IRELAND	22	110	0	0	22	110
MALTA	0	0	0	0	0	0
NORWAY	0	0	1	97	1	97
POLAND	29	147	0	0	29	147
ROMANIA	0	0	0	0	0	0
USSR	2	17	0	0	2	17
OTHER EUROPE	0	0	0	0	0	0
TOTAL	95	644	167	216	262	860
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	12	47	0	0	12	47
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP.	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
MEXICO	0	0	28	60	28	60
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	12	47	28	60	40	106
OTHER SOUTH AMERICA						
ARGENTINA	41	3	0	0	41	3
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	41	3	0	0	41	3
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
AUGUST 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	0	0	0	0	0	0
INDIA	8	93	0	0	8	93
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	0	0	0	0
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	0	0	0
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	8	93	0	0	8	93
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	0	0	1	12	1	12
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	0	0	1	12	1	12

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING. 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.

A8050-3

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
AUGUST 1986

RELEASED: OCTOBER 31, 1986

		TOTAL YTD		TOTAL MO.	
	674: METAL CUTTING	UNITS	$000	UNITS	$000
3020	Gear Hobbers & Shapers	42	2188	1	46
3045	Gear Cutting Machines, N.E.C.	72	15928	1	236
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	12	1246	0	0
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	8	3810	0	0
3209	Horizontal Machining Centers, ATC, NC	16	3722	5	837
3211	Machining Centers, NC, N.E.C.	55	5083	4	312
3216	Single Station and Multi-Station Transfer Machines	31	21613	14	11927
3225	Way Type Machines (Unit Heads)	2	75	0	0
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	5	2638	1	429
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	2	164	0	0
3247	Vertical Boring-Drilling-Milling Machines, NC	11	1296	6	192
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	4	498	0	0
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	18	2829	0	0
3254	Drilling Machines, NC	12	1256	4	155
3255	Drilling Machines, Multi-Spindle, Non-NC	24	3678	1	1250
3256	Drilling Machines, Radial, Non-NC	9	111	0	0
3257	Drilling Machines, Upright, Single Spindle, Non-NC	9	189	1	3
3258	Drilling Machines, Non-NC, N.E.C.	139	3069	20	230
3264	Milling Machines, NC	22	5749	0	0
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	34	3050	14	472
3267	Milling Machines, Knee Type, Non-NC	4	265	0	0
3268	Milling Machines, Bed Type, Non-NC	5	2600	0	0
3269	Milling Machines, Non-NC, N.E.C.	72	3167	13	758
3276	Vertical Boring Machines, Incl. VTLs, NC	13	5135	8	2028
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	185	13042	18	1082
3281	Boring Machines, NC, N.E.C.	2	267	0	0
3283	Boring Machines, Non-NC, N.E.C.	45	2681	3	87
3503	Horizontal Lathes, Multi-Spindle, NC	5	773	1	58
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	94	7095	8	641
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	14	1634	0	0
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	7	1237	0	0
3510	Horizontal Engine & Toolroom Lathes, Non-NC	54	937	6	82
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	8	1612	0	0
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	6	268	0	0
3515	Automatic Bar Machines, Single-Spindle, Non-NC	18	560	8	47
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	15	649	1	37
3518	Horizontal Lathes, Non-NC, N.E.C.	923	12245	244	4111
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	10	2486	2	253
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	27	2449	10	960
3525	Vertical Lathes, Excl. VTLs, Non-NC	114	6357	3	38
3528	Grinding, Polishing, Honing & Lapping Machines, NC	29	3643	8	355
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	37	3686	3	662
3531	Tool & Cutter Grinding Machines, Non-NC	114	4153	20	204
3532	Honing & Lapping Machines, Non-NC	162	6814	12	884
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	33	618	4	49
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	131	8961	26	3436
3541	External Grinding Machines, Non-NC	22	2020	2	458
3542	Internal Grinding Machines, Non-NC	5	992	1	228
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	123	5160	10	582
3546	Grinding Machines, Non-NC, N.E.C.	145	3809	11	395
3547	Traveling Wire Electrical Discharge Machines	6	296	3	202
3549	All Other Electrical Discharge Machines	83	1527	7	251
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	12	1384	2	193
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	23	717	6	182
3559	Metal Cutting Machine Tools, NC, N.E.C.	15	1074	3	62
3565	Sawing & Cut-Off Machines, Non-NC	317	6080	44	1322
3566	Broaching Machines, Non-NC	5	555	0	0
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	145	5462	7	203
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	2117	22360	190	3721
5000	Metal Cutting Machine Tools, Less Than $2500**	23484	8855	1976	1033
	TOTAL CUTTING			2932	40698
	TOTAL CUTTING YTD	29156	231863		
	674: METAL FORMING				
1011	Die Casting Machines & Parts	0	11190	0	3058
3568	Metal Forming Machine Tools, Used Or Rebuilt	631	3609	417	758
3569	Metal Forming Machine Tools, Less Than $2500	2678	1762	204	194
3571	Punching & Shearing Machines, Incl. Combination, NC	27	3090	12	1010
3573	Shearing Machines, Non-NC	37	827	6	83
3575	Punching & Combination Punching & Shearing Machines, Non-NC	302	8610	31	1456
3578	Bending, Folding, Straightening & Flattening Machines, NC	100	3263	5	572
3582	Press Brakes, Non-NC	79	3130	3	164
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	17	1098	1	70
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	330	15072	29	1166
3588	Mechanical Presses, Non-NC	110	7927	5	336
3589	Hydraulic Presses, Vertical, Single Action, Non-NC	31	8157	6	1834
3590	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	476	28045	68	2940
3594	Headers & Upsetters, Non-NC	53	8208	26	3302
3595	Forging Machines, Non-NC, N.E.C.	81	6512	3	135
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	407	32116	58	4505
	TOTAL FORMING			874	21589
	TOTAL FORMING YTD	5359	142638		
	TOTAL ALL TYPES			3806	62287
	TOTAL ALL TYPES YTD	34515	374501		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554.

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
AUGUST 1986

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	1	120	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	18	1082	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	1	115	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	1	84	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	1	21	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	1	62
4000	0	0	4	30	0	0	1	10	3	140
5000	0	0	67	18	0	0	0	0	11	16
CUT MO.	0	0	89	1131	1	115	4	235	15	217
CUT YTD	7	199	620	12438	4	154	2698	2758	30	699
1011	0	0	0	17	0	0	0	13	0	0
3568	0	0	0	0	0	0	0	0	1	6
3569	0	0	0	0	0	0	31	7	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	3	388	0	0
3578	0	0	0	0	0	0	1	42	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	1	371	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	1	118	0	0	0	0	0	0
3595	1	38	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	5	50	1	59
FRM MO.	1	38	1	135	0	0	41	871	2	65
FRM YTD	10	335	76	2012	7	82	145	4436	59	921
TOT MO.	1	38	90	1266	1	115	45	1106	17	283
TOT YTD	17	534	696	14449	11	236	2843	7193	89	1620

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
AUGUST 1986

	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	4	992	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	2	107	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	1	213	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	2	96	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	11	342	1	42	0	0	15	89	0	0
5000	271	33	1	2	0	0	1	1	3	4
CUT MO.	285	695	4	140	0	0	20	1081	3	4
CUT YTD	712	4153	170	1759	1	231	905	1302	478	1367
1011	0	35	0	0	0	0	0	0	0	7
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	1	4	0	0	0	0	1	62	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	1	75	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	1	20	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	4	151	0	0	0	0	0	0	0	0
FRM MO.	6	264	0	0	0	0	2	82	0	7
FRM YTD	25	3098	43	513	7	301	17	718	11	1600
TOT MO.	291	959	4	140	0	0	22	1163	3	11
TOT YTD	737	7251	213	2272	8	532	922	2020	489	2967

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
AUGUST 1986

	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	1	36	0	0	1	11	0	0
3216	0	0	3	4496	0	0	1	386	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	1	429	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	1	30	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	4	274	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	2	253	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	3	214	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	1	5	0	0	0	0	0	0
3532	5	61	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	2	70	1	336	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	2	33	0	0
3546	0	0	1	60	0	0	0	0	0	0
3547	0	0	0	0	0	0	2	63	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	2	575	3	102	0	0	1	16	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	7	54	0	0	3	10	0	0
5000	56	16	90	88	0	0	12	9	37	69
CUT MO.	63	653	116	5826	1	336	25	810	37	69
CUT YTD	899	2848	1158	23852	5	831	1126	9319	50	563
1011	0	3	0	0	0	0	0	23	0	0
3568	0	0	3	43	0	0	0	0	0	0
3569	0	0	3	2	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	6	168	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	1	19	0	0	13	366	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	1	11	0	0	0	0	0	0	0	0
3594	1	140	0	0	0	0	3	870	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	16	445	0	0	1	499	0	0
FRM MO.	2	154	29	677	0	0	17	1758	0	0
FRM YTD	39	1137	124	4982	1	240	294	12290	3	482
TOT MO.	65	806	145	6503	1	336	42	2568	37	69
TOT YTD	938	3985	1282	28834	6	1070	1420	21610	53	1045

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	1	46	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	1	165	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	2	66	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	1	3	0	0	0	0	0	0
3258	0	0	0	0	2	6	6	30	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	13	259	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	1	119	11	520	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	4	367	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	1	3	1	8	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	6	37	2	10	0	0	0	0
3516	0	0	1	37	0	0	0	0	0	0
3518	0	0	0	0	238	3837	3	12	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	10	960	0	0	0	0
3525	0	0	0	0	2	30	0	0	0	0
3528	0	0	5	141	0	0	0	0	0	0
3529	0	0	2	530	0	0	0	0	0	0
3531	0	0	1	4	6	36	0	0	0	0
3532	0	0	5	645	1	5	0	0	0	0
3533	0	0	4	49	0	0	0	0	0	0
3538	0	0	0	0	4	26	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	1	4	0	0	2	7	0	0	0	0
3546	0	0	4	145	2	15	0	0	0	0
3547	0	0	1	139	0	0	0	0	0	0
3549	0	0	1	154	1	38	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	3	62	0	0	0	0	0	0	0	0
3565	0	0	8	70	15	160	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	2	80	4	61	0	0	0	0
4000	0	0	27	339	95	466	3	56	0	0
5000	0	0	286	254	47	66	2	3	71	8
CUT MO.	4	67	363	3347	457	6556	14	100	71	8
CUT YTD	217	1363	5274	27304	2827	33783	465	1372	120	361
1011	0	0	0	1169	0	1448	0	3	0	0
3568	0	0	2	210	403	368	0	0	0	0
3569	0	0	108	96	28	34	1	1	0	0
3571	0	0	3	686	0	0	0	0	0	0
3573	0	0	3	22	2	6	0	0	0	0
3575	0	0	13	645	3	28	0	0	0	0
3578	0	0	0	0	3	90	0	0	0	0
3582	0	0	2	128	0	0	0	0	0	0
3583	0	0	1	70	0	0	0	0	0	0
3584	0	0	6	118	4	94	0	0	0	0
3588	0	0	1	130	1	19	0	0	0	0
3589	0	0	2	77	2	40	0	0	0	0
3590	0	0	5	65	48	1262	0	0	0	0
3594	0	0	0	0	1	23	0	0	0	0
3595	0	0	0	0	1	18	0	0	0	0
3598	0	0	5	311	22	518	0	0	0	0
FRM MO.	0	0	151	3725	518	3947	1	4	0	0
FRM YTD	40	857	1637	29320	1418	17852	44	499	2	118
TOT MO.	4	67	514	7072	975	10503	15	104	71	8
TOT YTD	257	2220	6911	56625	4245	51636	509	1870	122	479

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	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM.		CHINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	1	236
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	1	100	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	4	155
3255	0	0	0	0	0	0	0	0	1	1250
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	10	87	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	1	27	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	1	132
3531	1	49	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	5	538
3546	0	0	0	0	0	0	0	0	1	82
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	11	135	2	24	3	19	22	72	0	0
5000	11	13	2	4	52	38	15	33	0	0
CUT MO.	23	197	4	28	56	157	48	220	13	2392
CUT YTD	84	9736	93	1243	1161	1504	409	724	413	20667
1011	0	1	0	36	0	20	0	0	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	28	50	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	1	79	0	0	1	112	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	4	197	0	0
3594	0	0	0	0	0	0	0	0	16	220
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
FRM MO.	1	81	28	86	1	133	4	197	16	220
FRM YTD	10	954	34	204	84	1860	30	518	50	6063
TOT MO.	24	277	32	114	57	290	52	417	29	2612
TOT YTD	94	10690	127	1447	1245	3365	439	1242	463	26730

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	HONG KONG		INDIA		ISRAEL		JAPAN		KOREAN REP.	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	6	6054
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	4	125	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	2	57	0	0
3503	0	0	0	0	0	0	0	0	1	58
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	2	251	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	10	89	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	1	359	10	1813	0	0
3541	0	0	0	0	0	0	2	458	0	0
3542	0	0	0	0	0	0	0	0	1	228
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	1	5	1	3	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	6	182	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	1	17	0	0	5	179	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	111	1439	0	0	4	63	0	0
5000	41	25	0	0	0	0	583	55	68	21
CUT MO.	55	239	112	1456	2	365	615	3061	76	6361
CUT YTD	958	1336	186	5774	484	1564	3677	24024	553	15269
1011	0	6	0	0	0	0	0	10	0	0
3568	1	19	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	9	324	0	0
3573	0	0	0	0	1	55	0	0	0	0
3575	0	0	0	0	0	0	0	0	3	155
3578	0	0	0	0	0	0	0	0	1	440
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	1	103
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	1	45	1	9	2	68	0	0
3594	0	0	0	0	0	0	4	1933	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	1	996	0	0	1	580	2	897
FRM MO.	1	25	2	1041	2	65	16	2915	7	1595
FRM YTD	20	167	48	1713	52	1835	251	12426	70	8812
TOT MO.	56	264	114	2497	4	429	631	5976	83	7956
TOT YTD	978	1502	234	7488	536	3399	3928	36450	623	24081

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
AUGUST 1986

	PAKISTAN		PHILIPPINES		S. ARABIA		SINGAPORE		TAIWAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	1	213	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	1	22	0	0
3532	0	0	0	0	0	0	1	173	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	5	156	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	2	193	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	2	8	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	5	74	0	0	0	0	1	198	24	60
5000	0	0	1	1	29	34	48	71	4	8
CUT MO.	7	267	1	1	29	34	59	840	28	68
CUT YTD	33	1676	108	269	94	332	383	2884	484	3001
1011	0	0	0	3	0	0	0	0	0	0
3568	0	0	0	0	0	0	7	112	0	0
3569	0	0	0	0	0	0	3	2	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	2	8
3588	0	0	0	0	0	0	1	10	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	1	79
3598	0	0	0	0	0	0	0	0	0	0
FRM MO.	0	0	0	3	0	0	11	123	3	87
FRM YTD	0	0	15	98	41	8620	103	2617	53	1834
TOT MO.	7	267	1	4	29	34	70	963	31	155
TOT YTD	33	1676	123	366	135	8952	486	5500	537	4835

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
AUGUST 1986

	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	5	837	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	7	1815	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	2	35	0	0	1	8	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	2	161	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	1	4	3	74	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	37	62	0	0	0	0
5000	0	0	16	1	146	138	5	4	0	0
CUT MO.	14	2688	17	5	189	844	5	4	0	0
CUT YTD	88	8314	473	2513	1284	3081	52	98	8	106
1011	0	0	0	240	0	6	0	0	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	2	3	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	1	7	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	1	16	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	1	1696	0	0	0	0	0	0	0	0
3590	2	531	1	7	2	684	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
FRM MO.	4	2264	4	258	2	690	0	0	0	0
FRM YTD	15	7098	45	1821	301	3180	106	111	0	0
TOT MO.	18	4951	21	262	191	1534	5	4	0	0
TOT YTD	103	15412	518	4334	1585	6260	158	209	8	106

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
AUGUST 1986

	EGYPT		REP. S. AFR		OTH. AFRICA	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	0	0	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	1	10
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	1	8
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	0	0	0	0
3533	0	0	0	0	0	0
3538	0	0	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	0	0	0	0
3547	0	0	0	0	0	0
3549	0	0	0	0	5	60
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	0	0
3566	0	0	0	0	0	0
3567	0	0	0	0	0	0
4000	0	0	0	0	0	0
5000	0	0	0	0	0	0
CUT MO.	0	0	0	0	7	78
CUT YTD	88	75	115	561	162	411
1011	0	0	0	16	0	0
3568	0	0	0	0	0	0
3569	0	0	0	0	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	0	0
3575	0	0	0	0	0	0
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	1	61	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	0	0	0	0
FRM MO.	0	0	1	76	0	0
FRM YTD	3	153	18	686	8	54
TOT MO.	0	0	1	76	7	78
TOT YTD	91	228	133	1246	170	466

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMNS
AUGUST 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	0	0	0	0	0	0
EAST GERMANY	0	0	0	0	0	0
FINLAND	0	0	0	0	0	0
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	0	0	0	0	0	0
ICELAND	3	62	0	0	3	62
MALTA	0	0	0	0	0	0
NORWAY	1	4	0	0	1	4
PORTUGAL	0	0	0	0	0	0
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	4	67	0	0	4	67
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	2	3	0	0	2	3
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	1	6	0	0	1	6
DOMINICAN REP.	2	6	0	0	2	6
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	7	31	0	0	7	31
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	1	53	0	0	1	53
LW & WW IS.	0	0	0	0	0	0
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	1	4	1	4
SALVADOR	0	0	0	0	0	0
TRINIDAD	1	1	0	0	1	1
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	14	100	1	4	15	104
OTHER SOUTH AMERICA						
BOLIVIA	0	0	0	0	0	0
CHILE	23	99	0	0	23	99
ECUADOR	25	121	0	0	25	121
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	4	197	4	197
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	48	220	4	197	52	417
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
AUGUST 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	239	0	239
BAHRAIN	0	0	0	0	0	0
BANGALDESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
INDONESIA	16	1	0	0	16	1
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	2	16	2	16
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	1	4	2	3	3	6
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	17	5	4	258	21	262
OTHER AFRICA						
AFARS & ISSAS	5	60	0	0	5	60
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	2	18	0	0	2	18
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	7	78	0	0	7	78

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING.